



BE INSPIRED CREATE YOUR IDEAL HOME

Windows • Doors • Conservatories



BE INSPIRED WITH RELIANT WINDOWS LTD

When you're looking for new windows and doors or a conservatory for your home, you need a company you can trust...

A long established, professional company with branches in West Bromwich, Oldbury and Studley who can manufacture and install premium quality windows, doors and conservatories throughout Birmingham, the Black Country and all surrounding areas of the West Midlands.

Relax...you can rely on Reliant Windows Ltd.

Reliant Windows Ltd was formed in 1982 and operates from premises housed in 30,000 sq ft of prime manufacturing space, 'Reliant House', where the company manufacture high quality, A and A+ rated energy efficient products, which will help you make savings on your energy bills and also keep your home cooler in summer and warmer in winter.

Reliant Windows Ltd's products carry insurance and Police approved security locking systems and have features, benefits and optimum performance standards that will add real value to your home.

Reliant Windows Ltd's Head Office is in Oldbury and manufacturing base is in West Bromwich, where all are welcome to view an extensive range of products being expertly manufactured, while the Conservatory and Window Village branch at the Les Topham Garden Centre, Studley, Warwickshire showcases several stunning styles of conservatories and windows in a luxurious environment.





CONTENTS

Introduction

Doors, windows and conservatories can say a lot about your home - find your individual style.

Windows

Choose attractive, durable and weather-resistant windows that complement the rest of your home.

Doors

A range of door options that not only act as a barrier but enhance the look and character of your home.

Conservatories

See our cleverly constructed conservatories that are comfortable places to relax and enjoy all year round.

Technical details

Comprehensive range of product styles and finishes will help you choose the products that are right for you.



“THE HIGHEST-PERFORMING
WINDOWS AND DOORS - WE
WOULDN'T PUT OUR NAME
ON ANYTHING ELSE”

INDIVIDUALITY AND STYLE TO MEET YOUR EVERY NEED

Bricks and mortar may form the foundations of your house, but it's the doors and windows that really create your home's personality.







“WE’LL HELP YOU CHOOSE
THE PRODUCTS THAT ARE
RIGHT FOR YOU”

SAFETY AND COMFORT FOR EVERY GENERATION

As well as adding to the look of your home, your doors and windows need to offer you protection - both from unwanted visitors and the elements.



The latest technology

State-of-the-art door and window locking systems to enhance your home's security and give you extra peace of mind.

Products manufactured using the very latest technology, so you can feel safe, secure and comfortable, whatever the time of year.

The look to meet your every need

We'll help you select the products that are right for your home - whether you're looking for a simple, elegant style, or a more ornate design, with decorative glass, panels or hardware.

Whatever you go for, our doors and windows not only look fantastic, they last for years. So as well as enhancing your environment, you'll be adding value to your home.



THE BEST PERFORMING WINDOWS

that money can buy

We all want the best from replacement double glazing. That's why our windows stand apart. From styling to performance to saving energy, the advanced design gives you a comfortable, secure, energy-efficient home.



Reduce wasted energy. Cut bills.

Choosing our windows to replace single glazed or older double glazed units saves money from day one. In fact, it could reduce your heating costs by up to 20% - perhaps worth up to £321 a year.

Reduce condensation and noise.

Lower heat loss at window edges makes our glass 3-4°C warmer - cutting condensation by up to 80%. Using high performance gaskets, our double glazing reduces noise pollution, too.

Our windows make more of ambient heat

In winter, the energy efficient coated glass used in our windows retains warmth within the home. It's also designed to exploit radiant heat energy from the sun. These properties result in significant fuel savings compared to a single glazed dwelling.

Replacing single glazed...

Could save...

...changing timber framed windows to our energy rated windows saves:

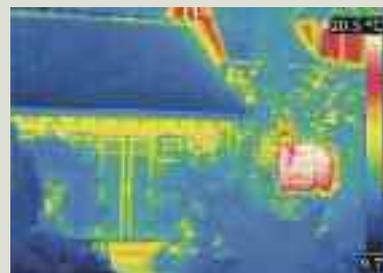
£140.00
(0.72 tonnes CO₂)

...changing aluminium framed windows to our energy rated windows saves:

£321.00
(1.65 tonnes CO₂)

Average gas heated bungalow/semi.
GGF carbon calculator @ 2% inflation.

Right: The images show just how effective fitting energy efficient windows to your property can be. The right hand side of the property still has the original windows - the reds and pinks show heat escaping. However, the new extension on the left is fitted with energy efficient windows, the lack of reds and pinks proving they help dramatically reduce heat loss.



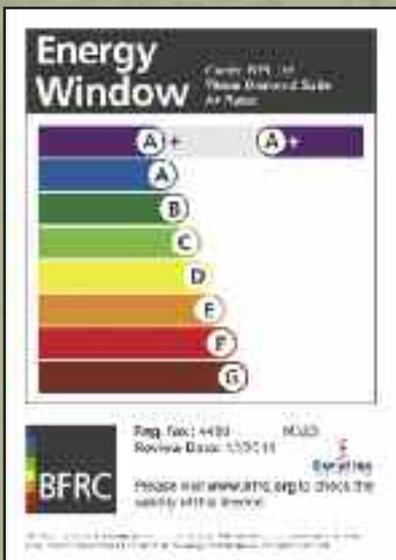


THE NEXT WINDOWS YOU CHOOSE COULD REDUCE WASTED HOME ENERGY BY UP TO 20%

If the windows in your home consist of single glazed or older double glazed units, replacing them with our energy efficient windows will save you money. It can reduce the energy you need to heat or cool your home by up to 20%.

Energy efficient windows - at the right price

Our energy efficient window system brings together market leading components to deliver exceptional performance. This means quality performing glass and the best performing 'warm edge' spacer technology is used in the sealed unit. Our window profiles include Q-Lon weather seals, multi chamber construction, high security locking and stainless steel hinges.



Using less energy means less CO₂

Science suggests man-made emissions play a major role in global warming and, in turn, influence climate change. Home energy use alone accounts for 27% of UK carbon dioxide (CO₂) emissions which contribute to climate change.

The Glass and Glazing Federation calculates that if all UK replacement windows installed were B and C rated, each household could save the energy equivalent to making 34,000 cups of tea!



All our Energy Efficient windows achieve C rated or better energy efficiency. Put simply, they're the most energy efficient windows your money can buy. Decide what A, B or C rated performance you want; we'll do the rest.



“CHOOSE BOTH ATTRACTIVE AND DURABLE WINDOWS”

New windows can enhance the look of your home, both from the inside and out. We offer a wide range of styles to suit all types of properties.



Opt for traditional white frames, or a natural woodgrain effect in golden oak, rosewood or mahogany. Then decide if you'd like Georgian, stained, diamond lead or bevelled glass.

Whatever style you go for, you'll find our windows aren't just pleasing on the eye, they're practical too. Minimal maintenance means their good looks will last well into the future.



SAVE MONEY
CUT WASTED HOME ENERGY BY UP TO

20%

If your windows consist of single glazed or older double glazed units, replacement with energy efficient windows will save you money. It can cut the energy you need to heat or cool your home by up to 20%.

You could also:

- Reduce condensation in your home
- Reduce your carbon footprint
- Reduce your energy bills
- Add value to your property



CASEMENT WINDOWS

Our range of casement windows is our most popular design, offering security, energy efficiency and is available in a multitude of styles and finishes to enhance the look of your home.

Whatever style you go for, you'll find our casement windows aren't just pleasing on the eye, they're practical too. Minimal maintenance means their good looks will last well into the future.





Features and benefits

All our casement windows feature- energy efficient glazing and our unique high performing Q-Lon weatherseal ensures your windows will perform year after year.

Other key options include;

- Extensive choice of designs (see page 'WINDOWS/8').
- Available in a variety of foiled finishes, both woodgrain and solid colours.
- Range of handle colours to complement the finish of your windows.
- Wide range of glass designs, from leaded to Georgian bars.



Design options

> [GO TO 'WINDOWS/8'](#)



Finish options

> [GO TO 'TECHNICAL/5'](#)

REDUCE
CONDENSATION
IN YOUR HOME BY UP TO
80%

Whenever we cook, bathe or even breathe, we increase water vapour in our home. When saturated air contacts a cold surface, condensation forms, promoting bacterial growth and mould. Both can compound respiratory problems such as asthma.

Our windows are typically 3-4°C warmer than those with metal spacer bars, reducing condensation by up to 80%.

“CHOOSE ATTRACTIVE, DURABLE
AND WEATHER RESISTANT
WINDOWS THAT COMPLEMENT
THE REST OF YOUR HOME”

TILT AND TURN WINDOWS

The Tilt and Turn window allows you to enjoy the benefits of a truly versatile product, offering both aesthetic and practical options. This design of window is available in a number of style options, all allowing larger opening areas to be achieved, thus this product can be used for fire escape openings.



Versatile and convenient

Tilt and turn allows you to tilt the window inwards, for ventilation, or alternatively open fully inwards which allows for easier cleaning. Furthermore, this product can also be incorporated within bay and bow style windows and is available with a variety of glazing options, including Georgian bar, leaded lights and obscure glass.





Suitable for both replacing existing timber sliders in period buildings and adding character to any development, vertical sliders retain all the traditional features of their familiar counterpart but with the enhanced benefits that modern PVCu systems provide.

**ENERGY EFFICIENT
WINDOWS**



Reduce energy bills
> GO TO 'INTRODUCTION/5'

VERTICAL SLIDER WINDOWS

The vertical sliding sash window range combines the elegance of traditional sash windows with the benefits of modern materials. Manufactured from PVCu they are strong, will not rot, warp or require repainting; ensuring that they retain their colour and shape throughout the years with the minimum amount of maintenance.



Design options
> GO TO 'WINDOWS/8'

Finish options
> GO TO 'TECHNICAL/5'

BAY AND BOW WINDOWS

Attractive, durable and versatile, our bays and bows will suit any style of property and provide valuable extra space in your home.



Bay Windows

Bay windows retain the traditional look of your home creating space, character and allowing light to flood your room.



Bow Windows

Our bow windows offer you the versatility of creating the illusion of space and depth by allowing more light into your home without the need for additional building work.



 **Design options**
> GO TO 'WINDOWS/8'

 **Finish options**
> GO TO 'TECHNICAL/5'

REDUCE OUTSIDE NOISE LEVELS

WITH OUR STATE-OF-THE-ART
WINDOWS AND DOORS

Nowadays it's difficult to avoid external noise.

Whether you live near a major road, under a flight path or near some vocal wildlife, noise pollution can be a cause of major disruption. With double-glazed insulation and our high performance window seals, our energy efficient windows will help reduce external noise pollution.



DESIGN OPTIONS

It's the detail that counts. Make your mark with our design options - creating your own individual style.

Georgian Bar

This style option allows you to tailor your window glazing to create a personal finish for your home. This is achieved by inserting a shaped bar in between the glass panes.

Astrical Bar

Similar to Georgian bars but offers a more traditional finish by planting shaped bars on top of the glass panes thus creating depth to the design and the look of individual glass units.

Mock Horn

Our Mock Horn feature enhances the aesthetics of your windows by achieving the appearance of a traditional vertical slider.



“A DOOR RANGE
TO ENHANCE
THE LOOK OF
YOUR HOME”



Combining high quality materials with first class performance and security - you can be assured our doors will give you peace of mind and an individual look to suit your home.

The right front door can create a great first impression when you enter your property. Patio, French-style, bi-fold doors are a great way to open up a room - and invite the outside in.

We offer all these options in a wide range of finishes - from PVCu doors to composite ones, from simple glazed designs to more ornate styles, with decorative glass or panelling.

As well as being beautifully made, each door is designed to stand the test of time. So they not only work superbly as a barrier, they also enhance your home too.



“A RANGE OF DOORS IN STYLES
AND COLOURS TO SUIT EVERY TASTE”

COMPOSITE DOORS

Our composite doors combine modern materials and performance with traditional looks to enhance the character of your home. Available in a wide variety of styles, colours and glass choices, they're designed to meet your every need.



COMPOSITE DOOR FINISH OPTIONS

The range is available in a variety of finishes





FRONT DOORS

PVCu Panel doors offer a wide range of designs and finishes. These can include full and half panel designs as well as sidelight options.

 **Finish options**
> GO TO 'TECHNICAL/5'



FRENCH DOORS

Throw open French doors and invite the garden, terrace, balcony or country views inside. A breath of fresh air for your kitchen, lounge or dining room, these beautifully made doors come in a range of styles, colours and finishes to blend naturally with any home.

PATIO DOORS

Bring the garden closer to the house and use it like another room. With easy access in summer and a wonderful view in winter, a patio door adds light and air to life - all year round.



 **Finish options**
> GO TO 'TECHNICAL/5'

BI-FOLDING DOORS

Bi-folding doors are the ideal way to provide extra space and connect inside living to the outside world. They can create a whole new feel for your home, linking rooms together and seamlessly joining inside living with outside space.

Versatile and aesthetically pleasing, bi-fold doors are the ideal replacement for existing patio or French doors to flood any room with natural light.

Amazingly flexible, bi-fold doors can be fully opened, partially opened or totally closed, depending on the amount of space available.



 **Finish options**
> GO TO 'TECHNICAL/5'

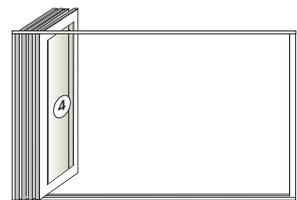
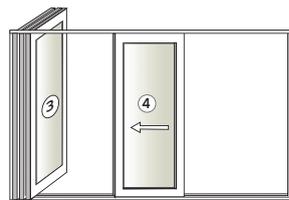
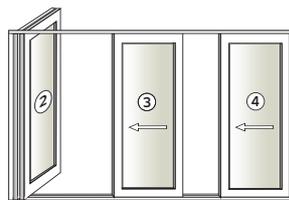
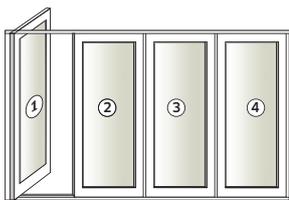




Introducing the New Wave™ slide & swing patio door

New Wave™ have brought to life a whole new concept in sliding door systems. With ground breaking design and engineering excellence no other sliding door system on the market can match New Wave™ for its elegance and ease of use.

- Seamless beautiful lines - no unsightly hardware.
- Easy to operate - slide one panel at a time.
- Open any part of the door you like



The panels slide to the side and then pivot open

NEW WAVE DOORS

New Wave™ Doors allow you to open any part and use any part of the opening you wish as your traffic area. On a four pane door for example the door can be opened and utilised in any one of the following positions or indeed any position in between. No other door system allows you this level of flexibility.



A BRIGHTER WAY TO EXTEND YOUR HOME



Most of us would love more space and light in our homes – and there’s no better way than a quality conservatory.

Conservatories offer more benefits than you might think. They don’t just provide lots of extra room – our insulation means your new conservatory will retain heat in the winter, and won’t be too hot in the summer. So it’s a comfortable space for you to enjoy all year round.

With a variety of styles to choose from – ranging from contemporary to more classic designs – you’re sure to find just the right way to bring the garden into your home...and your home into the garden!

THE CHANGING FACE OF CONSERVATORIES

Forget everything you think you already know. Our advanced conservatory technology and materials change everything. Prepare to be inspired...

Want a room you can genuinely use all year round - through the hottest summer or the coldest winter? Set your mind on creating something really different? Facing a challenging or unusual footprint to create your new space?

Keen to exploit the lifetime savings available from thermally efficient glass? Look no further.

From innovative roofline pelmets, to distinctive moulded architraves and solid in-fills, to soaring engineering with glass, the ranges in this brochure redefine what a conservatory can be.

Through our five distinctive conservatory pathways - each with unparalleled possibilities for customisation - create a stylish, truly individual structure that precisely meets your needs.



Classic

Dwarf walls and traditional perimeter glazing. The versatile, affordable solution for any home.



Classic Plus

Take a Classic Conservatory to the next level. Explore full-height walls and bespoke roof designs.



Loggia

Bring in solid in-fill panels, feature surrounds, and architraves to create a classic Italian theme.



LivinROOF

Minimalist, contemporary, spacious and light. Be adventurous with bespoke construction and glazing.



UltraSKY

An UltraSky rooflight will help add a feeling of space and natural light to your home.



A



B



C



D



E

THERE'S NOTHING TO BEAT THAT FEELING OF CLEAR BLUE SKIES.

Make the most of your views. Come rain or shine, let your new conservatory bring the natural beauty inside.

- A. Classic Plus
- B. Classic
- C. Glass extension
- D. Loggia
- E. UltraSKY

CHOOSE YOUR STYLE AND SHAPE

Our five conservatory pathways are just the start. Once you've selected the broad look you're after, the style and shape options bring the detail to life.

From classic traditional styles like Victorian and Georgian to cutting-edge constructions like Glass Extension, you have complete control of the fine detail.

Style options

Once you have a conservatory pathway in mind, it's time to think about the style and shape.



Victorian

A popular style distinguished by a faceted front, giving a curved appearance. A particular favourite with period properties, however its clean lines make this a winner on any type of home.



Georgian

A flat-fronted style that offers excellent use of floor space due to the square or rectangular internal shape. Its sloping roof and contemporary style is suited to the majority of properties.



Gable

A gable-fronted conservatory adds a sense of grandeur to any home. Featuring the same rectangular floor space as a Georgian, a gable offers excellent use of internal space.



Lean-To

For properties with little room under the eaves or for those homeowners that prefer a clean simple look, a Lean-To conservatory is the ideal choice. The roof pitch can be varied offering versatility and flexibility.

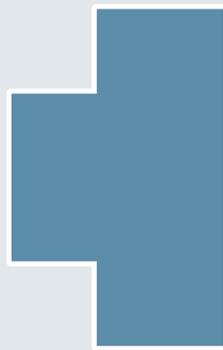


Shape options



Lantern

The 'original' conservatory style offering a feel of drama and grandeur. Distinguished by the two-tiered feature roof, the height within a Lantern adds an extra dimension to the feeling of light and space.



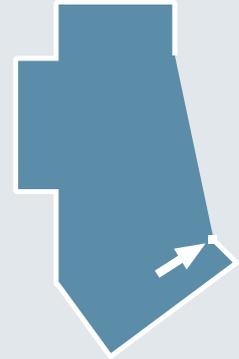
T-Shape

A combination style distinguished by a central projection that can either be a Victorian, Gable or Georgian. Offers a large and versatile floor space, an impressive addition to any home.



P-Shape

A P-Shape can combine a Lean-To and Victorian to create a versatile and visually stunning open space. This style is better suited to larger properties, giving an impressive result.



Custom

Although the shapes and designs shown are all bespoke, you may have your own 'one-off', exceptional or unique idea. The doors, windows and roof systems in this brochure combined with our expertise should allow you to achieve that dream.

CLASSIC

TIMELESS AND STYLISH

The key to the Classic is practical simplicity. With a timeless appearance and infinitely variable footprint, door and window configuration, the Classic suits properties large and small, old and new.

For more about popular Classic conservatory styles, talk to your advisor.



Personalise your conservatory

Tailor any conservatory to your needs with our range of doors and windows. See images on page 12 of this section.

- Bi-fold doors
- Patio doors
- Double and single doors
- Casement, vertical sliders and tilt and turn windows

Optional extras

(see images on page 12 of this section)

Select from our great value options. For example...

- Aluminium cornice
- Aluminium cresting detailing
- Roof vents
- Aluminium top caps
- Tie bars
- Utopia solid roof
- Glazing upgrades
- Loggia sidewalls (see page 9 of this section)

CLASSIC STYLES AND SHAPES

- | | | | |
|-----------|-----------------------|---------|-----------------------|
| Victorian | <input type="radio"/> | P-Shape | <input type="radio"/> |
| Georgian | <input type="radio"/> | T-Shape | <input type="radio"/> |
| Gable | <input type="radio"/> | Custom | <input type="radio"/> |
| Lean-To | <input type="radio"/> | | |
| Lantern | <input type="radio"/> | | |



A. Perimeter pelmet
 B. Full height brick column
 C. Tie Bar



Classic Plus takes the Classic Conservatory to the next level. An ingenious perimeter roof pelmet accommodates downlighters, providing a focal anchor around the entire perimeter of the conservatory. The system can also accommodate brick columns and dwarf walls. To enhance the roof space, adding tie bars can create the appearance of a traditional Orangery - at a fraction of the cost.

What's more, the Classic Plus roof is available to upgrade an existing conservatory. Most conservatory types are suitable, and the upgrade transforms an existing structure with minimum disruption and cost. Ask your advisor for details.

Personalise your conservatory

Tailor any conservatory to your needs with our range of doors and windows. See images on page 12 of this section.

- Bi-fold doors
- Patio doors
- Double and single doors
- Casement, vertical sliders and tilt and turn windows

Optional extras (see images on page 12 of this section)

Create the conservatory of your dreams by selecting our great value options. For example...

- Full height brick walls and columns
- Aluminium cresting detailing
- Aluminium top caps
- Solid roof
- Glazing upgrades
- Loggia sidewalls (see page 9 of this section)
- Downlighters
- Roof vents
- Tie bars

CLASSIC PLUS

STYLES AND SHAPES

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|-----------|----------------------------------|---------|----------------------------------|
| Victorian | <input checked="" type="radio"/> | P-Shape | <input checked="" type="radio"/> |
| Georgian | <input checked="" type="radio"/> | T-Shape | <input checked="" type="radio"/> |
| Gable | <input type="radio"/> | Custom | <input checked="" type="radio"/> |
| Lean-To | <input type="radio"/> | | |
| Lantern | <input checked="" type="radio"/> | | |

CLASSIC PLUS

EXCLUSIVE REFINEMENT

LOGGIA

ITALIAN CHARM



Loggia provides a contemporary Italian take on your new conservatory. The Loggia wall system provides detailed, aluminium in-fill panels coupled with dwarf wall panels. The effect is distinctly European, with the option of coloured panel areas further uniting the structure.

The walling system allows the incorporation of stylish fully integrated radiators, creating a crisp, clean uncluttered interior. The range of roofing options includes the Classic Plus pelmet system.

A. Aluminium cornice
B. Solid column upright



Personalise your Loggia

Tailor Loggia to your needs with our range of doors and windows. See images on page 12 of this section.

- Bi-fold doors
- Patio doors
- Double and single doors
- Casement, vertical sliders and tilt and turn windows

Optional extras (see images on page 12 of this section)

Select from our great value options. For example...

- Aluminium cornice
- Aluminium cresting detailing
- Roof vents
- Aluminium top caps
- Utopia solid roof
- Glazing upgrades
- Integrated radiators

LOGGIA EXTENSION

STYLES AND SHAPES

- | | |
|---|--|
| Victorian <input type="radio"/> | P-Shape <input checked="" type="radio"/> |
| Georgian <input checked="" type="radio"/> | T-Shape <input checked="" type="radio"/> |
| Gable <input checked="" type="radio"/> | Custom <input checked="" type="radio"/> |
| Lean-To <input checked="" type="radio"/> | |
| Lantern <input checked="" type="radio"/> | |



LivinROOF is the first roofing system designed to give you the flexibility to combine solid and glazed roofing seamlessly. It helps you extend your living space and enhance thermal performance to give you a room that you can use all year round.

The LivinROOF roofing system is constructed from insulated composite external panels and Kingspan slab insulation, which are strong and robust yet extremely thermally efficient.

The glass panels can be inserted to replace any of the aluminium roofing panels, in any shape enabling you to maximise the light in your room or produce a very contemporary design not easily achievable with other types of roofing system.



LIVIN ROOF

STYLES AND SHAPES

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|---------------------------------|-------------------------------|
| Victorian <input type="radio"/> | P-Shape <input type="radio"/> |
| Georgian <input type="radio"/> | T-Shape <input type="radio"/> |
| Gable <input type="radio"/> | Custom <input type="radio"/> |
| Lean-To <input type="radio"/> | |
| Lantern <input type="radio"/> | |

Personalise your glass extension

Internally the LivinROOF is stunning. It can deliver a magnificent vaulted ceiling and incorporates the LivinRoom internal pelmet around the perimeter, where lights can be installed. At the ridge at the top of the LivinROOF you can insert or hang lights in a place where you otherwise wouldn't be able to on a vaulted ceiling. If a vaulted ceiling isn't for you then there is an option of a suspended ceiling, allowing you to continue the ceiling height from an adjoining room or to give your room a more 'cosy' feel.

Optional extras (see images on page 12 of this section)

Create the conservatory of your dreams by selecting our great value options. For example...

- **Roof vents**
- **Glazing upgrades**
- **Solid side walls**

LIVIN ROOF

CONTEMPORARY SPACE

ULTRASKY

FLOOD LIGHT INTO YOUR HOME

Installed on a new build extension, Orangery, or inserted into an existing flat roof, an UltraSky rooflight will help you add the feeling of space and natural light to your home. Whether it's for a living room, dining room, kitchen, bedroom or bathroom the UltraSky rooflight will be the perfect stylish solution for you. The UltraSky rooflight is stunning, enhancing any style of property, traditional or modern alike.



Sizes

The UltraSky rooflight is available in a number of bespoke rectangular sizes ranging from 1m x 1.5m to 2m x 4m.

Colour options

Choose the stylish White PVC option to match your modern window frames, or for that extra "Wow" factor go for the Aluminium option, available in White, Anthracite Grey or Satin Black. Internally the rooflight is clad in white PVC or upgraded to anthracite grey.

Glazing

The highly thermally efficient glazing options will help reduce heat loss and noise pollution, whilst letting the desired amount of light into your room.

Extras

Add a roof vent to let in the fresh air - Roof vents are available with a manual opener, automatic opener or an automatic opener with rain and temperature control.

ULTRASKY

STYLES AND SHAPES

- | | | | |
|-----------|----------------------------------|---------|----------------------------------|
| Victorian | <input type="radio"/> | P-Shape | <input type="radio"/> |
| Georgian | <input type="radio"/> | T-Shape | <input type="radio"/> |
| Gable | <input type="radio"/> | Custom | <input checked="" type="radio"/> |
| Lean-To | <input type="radio"/> | | |
| Lantern | <input checked="" type="radio"/> | | |

PERSONALISE YOUR CONSERVATORY

Why shouldn't your conservatory reflect... you?

We've hundreds of ways to make your new space your own.

Door and window options



Casement window



Vertical slider window



Tilt and turn window



Double or single door



Patio door



Bi-fold door



Lighting - integrated downlighting in the roof ridge space and pelmet surround.



Glass units - reduce solar gain in summer & minimise heat loss in winter with treated glass.



Opening vents - keep cool with manual or electrically operated roof vents.



Aluminium enhanced cresting suite - add the finishing touch.



Aluminium Cornice - enhance the aesthetic of any conservatory perimeter.



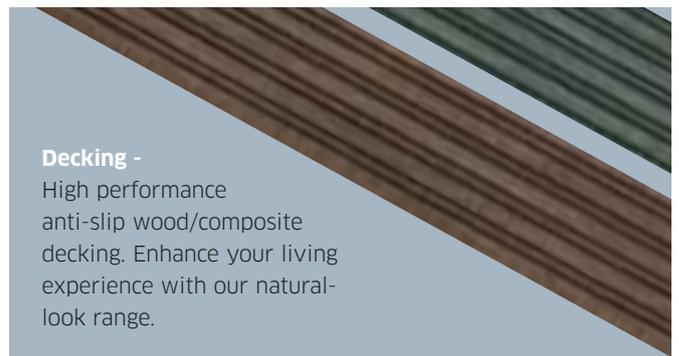
Polycarbonate glazing - choice of colours and performance characteristics.



Aluminium top cap - add the finishing touch with a colour co-ordinated top cap.



Tie bars - create the classic Orangery roof space with ornate, non-structural tie bars.



Decking - High performance anti-slip wood/composite decking. Enhance your living experience with our natural-look range.

TECHNICAL SPECIFICATION

Windows - from casement to modern tilt and turn, a style to suit every home.



Casement

Casement windows consist of outward opening sashes and fixed lights. This most common product is available in a multitude of styles and various finishes. Sashes can open as side hung or top hung to suit application.

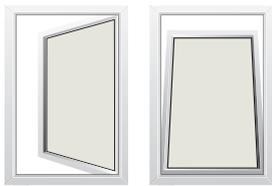
Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

Mock Horn is an option to top hung casements. The bottom of the sash has an extruded feature to give the appearance of a Vertical Slider.

Can only be incorporated in top hungs that include a fixed light below.



Tilt & Turn

Tilt & Turn windows consist of opening in sashes, which can be operated in two ways. Turn handle 90° to tilt top inwards with restrictors, turning handle a further 90° to open fully inwards, hinged on the side for access and cleaning. Available in a multitude of styles and finishes.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

Mock Horn is an option to top hung casements. The bottom of the sash has an extruded feature to give the appearance of a Vertical Slider.

Can only be incorporated in top hungs that include a fixed light below.



Vertical sliders

Our Vertical Slider combines traditional design with modern technology, available with a range of Georgian bars to create the required look. Both sashes slide vertically to open. They can also be tilted inwards for ease of cleaning.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

Vertical Sliders are supplied as single products but can be coupled to any other product to achieve the required look, this includes box bays and multiple coupling.



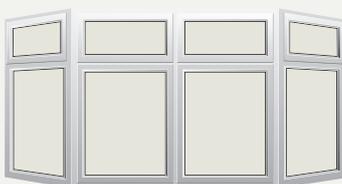
Bow windows

Our Bow windows offer you the versatility of creating the illusion of space and depth by allowing more light into your home without the need for additional building work.

Options

Similar in appearance to a bay window which projects beyond the brickwork. However, the actual brickwork face remains flush with the main building structure. This type of window does not allow a person to walk into the bay area.

Commonly, available on 3, 4 and 5 segments.



Bay windows

Bay windows retain the traditional look of your home creating space, character and allowing light to flood your room.

Options

When three or more frames are fixed together and they project beyond the main face of the building. The brickwork above and below follows the contour of the actual window frames. Therefore allowing a person inside the building to walk into the bay area.

Box bay is when the side windows are at 90 degrees to the front.

Variable bay incorporates the side windows at an angle that allows them to be seen from the front.

Doors - practical, stylish and secure.



Front doors

Panel doors are of PVC construction, combining versatility in design with modern locking technology. Available to open inwards or outwards. A variety of styles are available which includes side light options. A variety of panel styles are also available which include many glass types. Further more various solid colour and woodgrain finishes are available.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

To allow greater versatility all of our panel doors are available with a low threshold for easy access. Please see picture right.



Composite doors

Combining the traditional look of timber with modern high performance materials to produce a range of traditional door styles in a variety of solid and wood effect finishes.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

For additional styles and variations please refer to our composite door brochure.



French doors

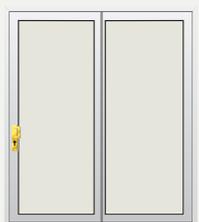
French doors are of PVC construction, combining versatility in design with modern locking technology. Available to open inwards or outwards. A variety of styles are available which can include midrails. French doors can also be designed with side panels to span larger openings.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

A variety of full and half panel styles, or most popular full glass are also available.



Patio doors

In-line PVC patio doors are ideal when opening area is at a premium as the sashes do not encroach into the surrounding space. Available in 2, 3 and 4 pane options, patio doors can even be supplied with a midrail to include a letterplate if required.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.



Bi-Fold doors

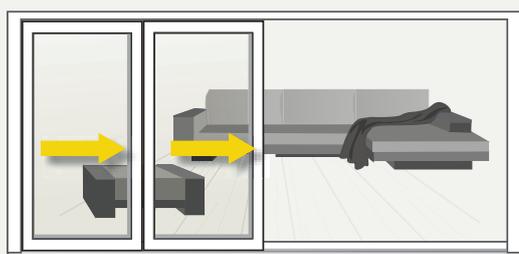
Designed to fully maximise any opening space, bi-fold doors are available from 2 to 6 panes in a variety of opening sequences to suit your needs. Larger styles can incorporate single or even double opening doors for day to day practical use.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

There are numerous bi-fold door styles from 2 to 6 panels with various opening combinations. Aluminum bottom track for improved operation.



New Wave Doors

With a New Wave Door, you will be free to create a divide between your inside and outside world that is almost seamless in appearance and effortless in operation.

Performance

All products manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Options

Available up to 8 metres in width, the options are endless with many colours available and configurations to suit every home

The combination of engineering excellence and stunning good looks, makes the New Wave Door far more desirable, practical and beautiful than any other door system.

SECURITY MAKES SENSE

When choosing windows, doors and conservatories for your home it is always important to look at the security system that you wish to compliment your purchase. Door and Window security offers peace of mind and insurance backed guarantees.

Door Security

Doors are at the heart of any home security, and we design our products to ensure that visitors are the only welcome ones.

Not only do all our doors meet industry standards, but we also work closely with the police under the 'Secured by Design' scheme to make sure they have the best possible protection and peace of mind.

Features and Benefits

- 10 point locking system for maximum security
- 4 pre-compression rollers allowing door to seal prior to hooks engaging for smooth operation
- 3 opposing steel hooks to maximise strength
- 2 anti-lift bolts preventing door lock being dislodged from keeps
- 1 centre latch for ease of day to day operation, incorporating dead-lock action when bolts and locks are engaged for added security
- Unique rebated door hinge providing security with traditional styling
- 1 piece steel keep for enhanced security
- Fully adjustable roller housings ensuring ease of installation and extended service life
- Metal hook housing providing extended service life
- Trivalent silver finish for extended service life
- Unique ergonomic modern handle design.



Window Security

Our SAC Shootbolt locking system is specially designed to improve security and performance that is second to none. It also takes pressure away from the hinges, ensuring a longer life for your windows.

The tight seal guarantees superb weather protection too, so you will feel safe and secure in every way.

Features and Benefits

- 8 point locking system with unique corner drive design on all windows regardless of size
- Unique full depth eurogroove lock-out design to enhance security and strength
- 400% more shootbolt contact area with keep when compared to traditional flat shootbolts
- Supaglide gearbox action for ease of use, tested to 100,000 cycles (equivalent to 30 years of heavy use)
- Rigorously tested to BS7950 and beyond to achieve Secure by Design status
- Adjustable locking rollers for smooth operation
- 2 part composite keeps for enhanced security
- Unique ergonomic modern handle design.



- The Sac Bolt and Keep is the only single multi-patented product available today that can improve total window performance.
- The systems unique design and flexibility, enables you to re-adjust the sash to create more compression assuring a higher level of performance.
- The Sac Bolt and Keep guides the sash to a correct and perfect sash closing procedure every time the sash is operated.
- The systems simple and effective design relieves the hinge from stress assuring a longer window life.
- The products very effective anti-jimmy design and location gives ultimate protection against intruders at the vulnerable hinge side of the sash.
- Balanced windows security and weather proofing by creating a tight seal between the hinges.

“DESIGNED
TO PROVIDE
MAXIMUM
SECURITY
AND PEACE
OF MIND”

SECURITY UPGRADES

Security is paramount in any home. All of our products are designed to make your home as safe and secure as possible. However, if you're looking for extra peace of mind, then we have a wide range of security upgrades to ensure the only visitors to your home are the welcome ones

Features and Benefits

Secured By Design is a Police run initiative that focuses on crime prevention of homes and offers advice to householders how to protect their homes from unwanted visitors. To have a **Secured By Design** window the Police ensure that the product goes through rigorous and independent testing to pass the accreditation. Our products have gone through this testing and we are proud to be able to promote this upgrade should you consider security a key element when replacing your windows.

The glass, window locking system and the reinforcing in the windows are all upgraded to provide your home with the highest security accreditation available in your street. We feel it is an upgrade that should not be overlooked so ask us about it for your complete peace of mind.



High Security Sac Bolts

The S3™ bolt and keep overcomes inbuilt security weaknesses in modern age windows by using ASL (Anti-Slip & Lock) technology. Intruders use the void areas between the glass and the frame itself to lever the frame out of its channel. The S3™ bolt & keep manipulates the intruders strength so that it works against himself.



Anti Snap Barrells

Lock snapping occurs when the lock is broken at its weakest point, which is in the middle and the multi point locking mechanism. The lock can then be easily manipulated open with the whole process only taking around 30 seconds, making it the ideal technique for burglars to use because its fast and effective.

Our anti-snap cylinders have hardened steel rods running full length making them almost impossible to snap.



Hinge/dog bolts

Using hinge bolts on any outward opening doors you can reinforce these potentially weak points and deter intruders. Hinge bolts are especially important for front and back doors to your house if they happen to open outward. The Hinge Bolt offers added security on external doors with exposed hinges, helping to prevent doors being forced off their hinges.

This robustly built bolt is suitable for all wooden internal and external doors. Made from hardened steel, it resists hacksawing. It is important to use long screws to ensure maximum effectiveness of the hinge bolt.

PERSONALISE YOUR WINDOW & DOOR HARDWARE



Classic and Pad door handles



Urn, Slimline Urn and Scroll Knockers



Letterbox



Signature handle



Lionshead knocker

An attractive range of door furniture is available in a selection of colours enabling you to select what best suits your home and personal taste.

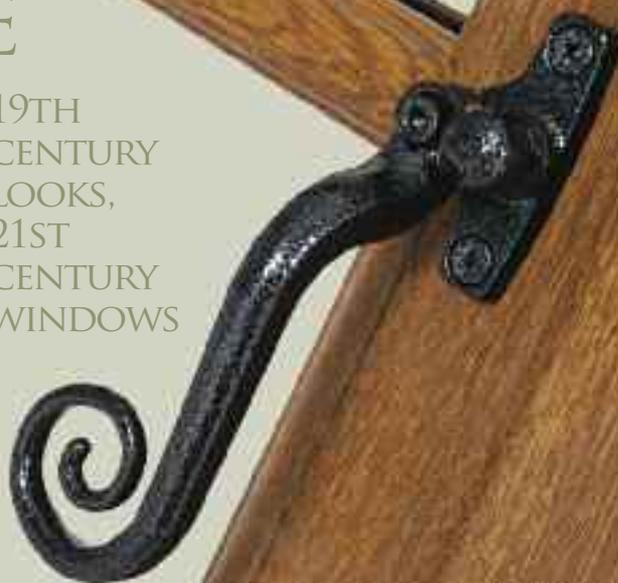


THE HERITAGE RANGE

Inspired by 19th century ironmongery, the Heritage Range of hardware is not only aesthetically pleasing, it's also extremely practical too.



19TH CENTURY LOOKS, 21ST CENTURY WINDOWS



FINISHES AND GLAZING

An exciting range of finishes, a vast array of glazing options and door furniture to suit every taste. The choice is yours - make a design statement.

FINISH OPTIONS

The range is available in variety of finishes including white, rosewood, golden oak and a range of solid colours, all can be combined with your choice of glass design, including Georgian square, stained or diamond lead.

The right window can make all the difference to a room, so it's important for it to look the part - and be reliable and cost-effective, too.



Antique Teak	Black	Cream	Golden Oak	Green	Grey	Irish Oak	Mahogany	Red	Rosewood	Rustic Cherry	Soft Cherry	White	Blue	Chartwell Green

GLAZING

A vast array of glazing options are available. eg. Patterned, Georgian, Stained and Leaded.



Square Leaded	Obscure	Diamond Leaded	Fusion Tile	Sand Blasted	Artistic

FURNITURE

An attractive range of door furniture is available in a range of finishes.



Gold	Chrome	White	Black	Flint	Adonised Gold	Adonised Silver

BE INSPIRED CREATE YOUR IDEAL HOME



When you're looking for new windows, doors or a conservatory for your home you need a supplier you can trust.

Our years of industry experience and impressive credentials mean you can completely rely on us at every stage of the process, from selection to installation.

We offer the very latest energy efficient windows, doors and conservatories which will help you make savings on your energy bills and also help keep your home cooler in summer and warmer in winter.

From the moment you contact us, we will provide the highest quality service, helping you to choose the perfect product to complement your home and tailoring it precisely to your needs.

THE GALLERY





From initial enquiry to final installation, through Sales Professionals, skilled manufacturing personnel, expert installation teams, after sales care and all staff, the whole team will do their utmost to ensure that Reliant Windows Ltd are the company that you rely on to complement your home and furnish you with the confidence to recommend Reliant Windows Ltd to your family and friends as the company that they can choose to rely on as well.

Reliant Windows Ltd offer a comprehensive range of premium home improvement products including PVCu and Aluminium Windows and Doors, Conservatories, Porches, Soffits and Fascias, Carports, Canopies, Flat Roofing Systems with Insurance Backed Guarantees to ensure total peace of mind. A wide range of products and a varied array of styles help to cater for all individual tastes and with minimal maintenance and maximum durability, they'll suit the busiest of modern lifestyles too.

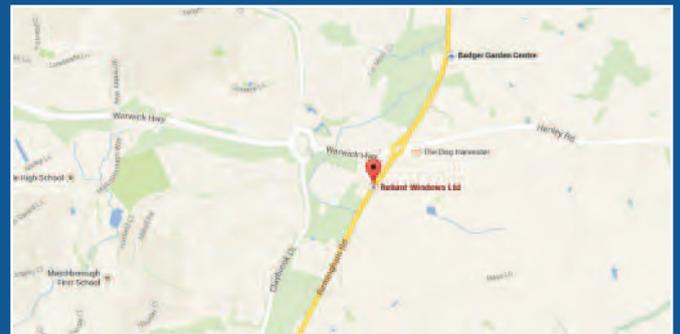
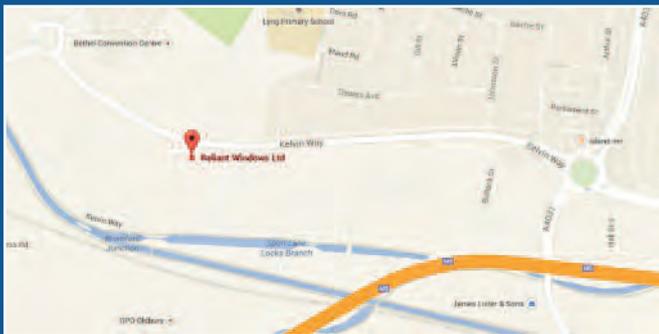
Premier energy efficient products, high security locking, skilled staff with a customer focused ethos operating at a long established, professional company...

Relax...you can rely on Reliant Windows Ltd.



Contact us now

See how **Reliant Windows Ltd** can enhance your home and add real value.



West Bromwich Branch (Manufacturing):

Central RPL, Reliant House, 8 - 10 Kelvin Way Trading Estate, Kelvin Way, West Bromwich, West Midlands B70 7TN

Call: 0121 500 0500

Oldbury Branch (Head Office):

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Call: 0121 500 0500

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Call: 01527 853 974

Scan with smartphone for direct access to our website.





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